Complete and send	the form, together w		` '	TRANSMITTAL	e rece		
Sompress and sens	APR 2.0 2006	ни аррисави		Commissioner for P.O. Box 1450	or Patents ginia 22313-1450		
INSTRUCTIONS: This is appropriate. All further coindicated unless corrected maintenance fee notification	on should be used for tran the boldence are oding the leading the leading the below the transferred otherwise as.	smitting the ISSU Patent, advance of in Block 1, by (a	JE FEE and PU rders and notific a) specifying a r	JBLICATION FEE (if requation of maintenance fees new correspondence address	uired). Blocks 1 through 5 will be mailed to the curren s; and/or (b) indicating a sep	should be completed when it correspondence address a parate "FEE ADDRESS" for	
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Fee(s) Transmittal, The papers. Each addition	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.		
20792 7590 02/17/2006 MYERS BIGEL SIBLEY & SAJOVEC PO BOX 37428 RALEIGH, NC 27627 04/21/2006 RMEBRAH1 00000042 10622278				I hereby certify that t States Postal Service addressed to the Ma transmitted to the USI	Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. Audra Wotten (Depositor's name)		
4/04 04 05				Addra woote	+	(Depositor's name)	
01 FC:1501 1400.00 OP 02 FC:1504 300.00 OP		<u>L</u>		Muncy) ~ · · ·	(Signature)	
				April 17, 2	006	(Date)	
APPLICATION NO.	. FILING DATE	FIRST NAMED INVE		NVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/622,278 TITLE OF INVENTION: SEPARATE READ AND V		ASH MEMORY	Ga-pyo N DEVICES HA		5649-1102 CODER CIRCUITS ACTIV	4592 ATED BY	
APPLN, TYPE	SMALL ENTITY	ISSUE F	FF	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
	NO	\$1400		\$300	\$1700	05/17/2006	
			·		31700	03/17/2000	
EXAMINER		ART UNIT		CLASS-SUBCLASS	ا		
LAM, DAVID				365-185130	• .		
 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 			2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
	RESIDENCE DATA TO B	E PRINTED ON T	L THE PATENT (p	print or type)			
					nee is identified below, the	document has been filed for	
(A) NAME OF ASSIGN		or uns form is ivo		CE: (CITY and STATE OR			
Samsung Elec	ctronics Co., Lt	d.	Repub1:	ic of Korea			
Please check the appropriate	e assignee category or categor	ies (will not be pr	inted on the pate	ent): 🗖 Individual 💥 C	Corporation or other private gr	oup entity Government	
4a. The following fee(s) are enclosed: Issue Fee			Bb. Payment of Fee(s): A check in the amount of the fee(s) is enclosed. — \$1700 Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0220 (enclose an extra copy of this form).				
a. Applicant claims S	(from status indicated above MALL ENTITY status. See	37 CFR 1.27.	☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).				
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issu ublication Fee (if required) words of the United States Pate	e Fee and Publicate rill not be accepted and Trademark	tion Fee (if any) I from anyone ot Office.	or to re-apply any previous ther than the applicant; a reg	ly paid issue fee to the applic istered attorney or agent; or t	ation identified above. he assignee or other party in	

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Date

Registration No. 44,635

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Authorized Signature

Typed or printed name

Robert N. Crouse